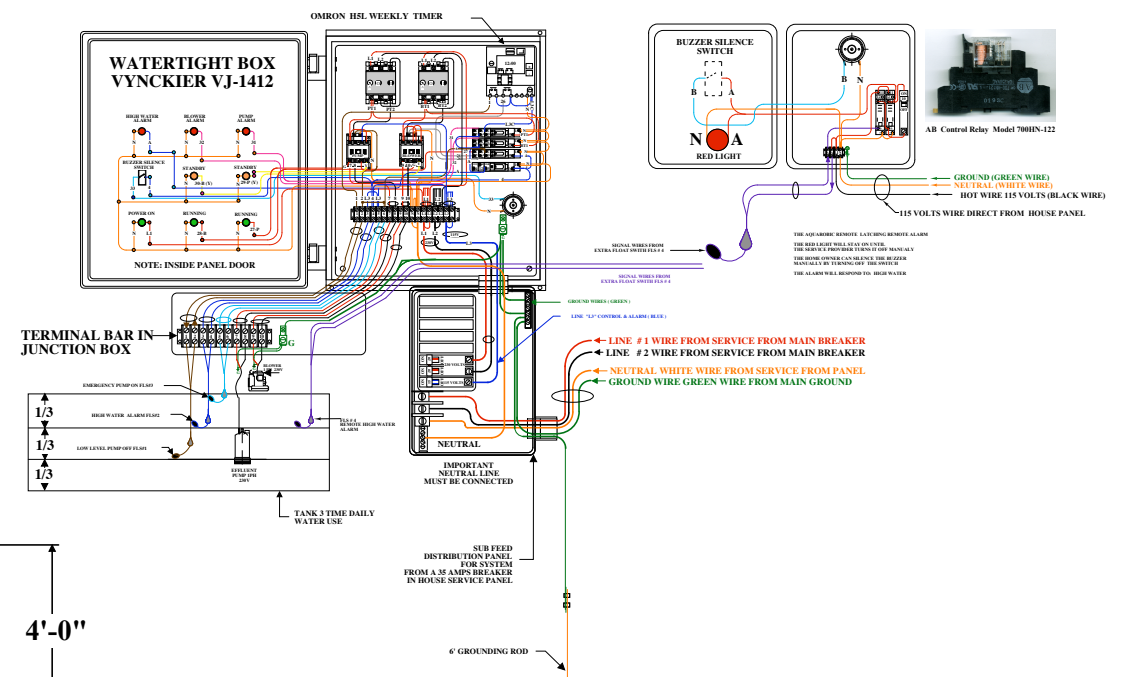
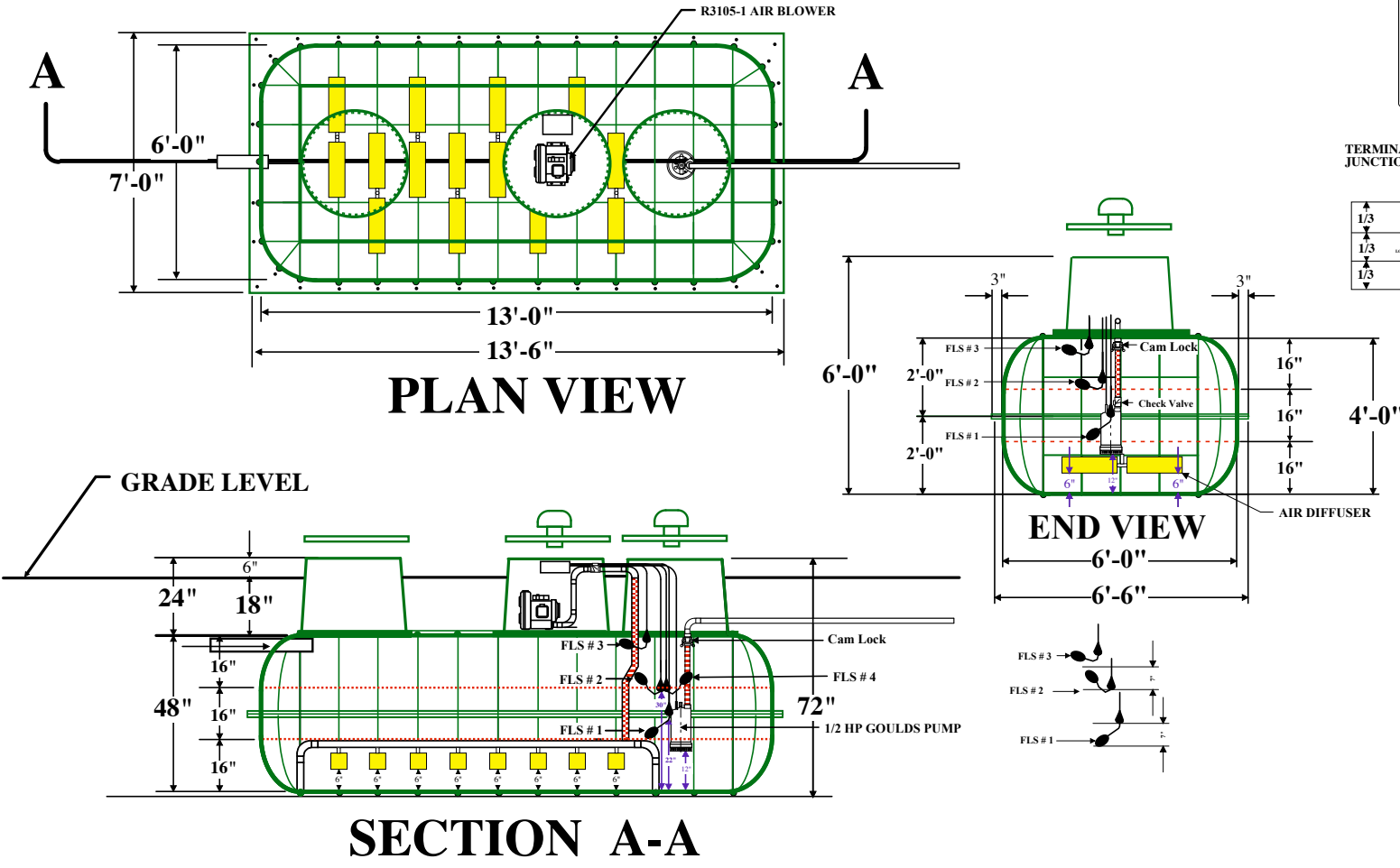
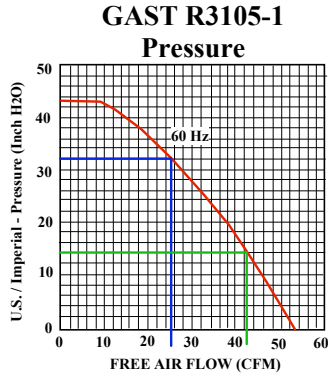


GAST BLOWER  
MODEL # 3105-1  
1/2 H.P. 60 HZ. 1PH.  
230 VOLTS 2.5 AMPS



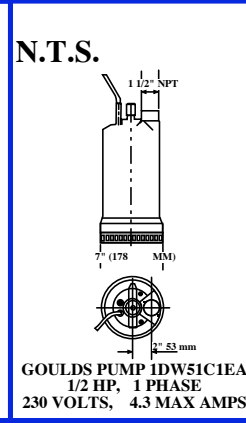
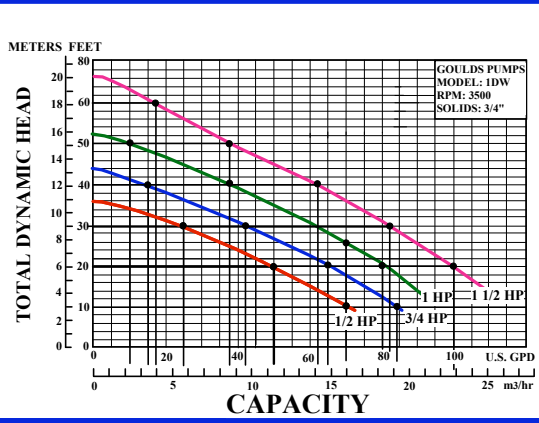
## CLASS # 1

REMOVAL EFFICIENCIES  
BASED ON AVERAGE OF VALUES  
11 APRIL 1993 - - 28 OCTOBER 1993

	INFLUENT AVERAGE	EFFLUENT AVERAGE	REDUCTION	PERCENT REDUCTION
BIOCHEMICAL OXYGEN DEMAND MG/L	170	7	163	95.8%
SUSPENDED SOLIDS MG/L	200	11	189	94.5%

### NOTES FOR A 600 G.P.D. MINI-PLANT:

1. THE CONCEPT HEREIN DISCLOSED IS PROPRIETARY WITH AQUAROBIC INTERNATIONAL INC. AND MAY NOT BE REPRODUCED OR USED WITHOUT PRIOR WRITTEN AUTHORIZATION.
2. FLS # 1 LOW WATER SHUT OFF SWITCH, TURNS PUMP OFF.
3. FLS # 2 HIGH WATER ALARM SWITCH, TURNS RED LIGHT AND ALARM BUZZER ON AND BLOWER OFF UNTIL PROBLEM HAS BEEN CORRECTED.
4. FLS # 3 EMERGENCY TRANSFER PUMP ON SWITCH, TURNS PUMP ON TO PREVENT BLOWER FROM FLOODING, THE PUMP RUNS UNTIL THE WATER LEVEL REACHES THE HIGH WATER ALARM SWITCH (FLS-2). THE PLANT HAS BEEN SETTLING WITHOUT AERATION FOR SOME TIME BEFORE THIS PUMPING TAKES PLACE.
5. FIBERGLASS MAN WAY 30" ROUND AND 24" TALL
6. 6 AIR DIFFUSERS INCLUDED. ( TO BE INSTALLED AS SHOWN )
7. CENTRIFUGAL AIR BLOWER GAST MODEL # R3105-1 230VOLTS, 2.5 AMPS, SINGLE PHASE, 60 HERTZ, 1/2 HP.
8. EFFLUENT PUMP: GOULDS MODEL # 1DW51C1EA 230 VOLTS, SINGLE PHASE, 60 HERTZ, 1/2 HP. 4.3 AMPS
9. THE TANK MUST HAVE A MINIMUM OF 1800 GAL. CAPACITY TO PROCESS 600 G.P.D.
10. THE INTAKE OF THE TRANSFER PUMP MUST BE SUSPENDED UP TO THE 12" MARK FROM THE BOTTOM OF THE TANK.
11. THE CONSTRUCTION DETAILS SHOWN ARE INTENDED ONLY AS A DESIGN GUIDE FOR USE BY ASSOCIATED ARCHITECTS / ENGINEERS AND IS BASED ON CONSTRUCTION PRACTICES OBSERVED.



**AQUAROBIC®**  
INTERNATIONAL, INC.  
206 Wyck Street, Suite 100, Winchester, Virginia, USA. 22601  
1-800-927-8304  
E. Mail: [Dan@aquarobicinternational.com](mailto:Dan@aquarobicinternational.com)  
Phone: ( 540 ) 667-9991 / Fax: ( 540 ) 667-9427  
Web Page: <http://www.aquarobicinternational.com>

SCALE:N.T.S. Model # F54291-6-230 V BY: D. E. PAVON

**600 GPD. MINI-PLANT  
IN FIBERGLASS TANK**

DRAWING NO: 1346-2145 DATE : 09 / 06 / 2005